



ELSEVIER

Earth and Planetary Science Letters 152 (1997) 277–278

EPSL

Contents Volume 152

Express Letter

- E-MORB glasses from the Gakkel Ridge (Arctic Ocean) at 87°N: evidence for the Earth's most northerly volcanic activity
R. Mühe, H. Bohrmann, D. Garbe-Schönberg and H. Kassens 1

Regular Letters

- Relative paleointensity of the geomagnetic field over the last 200,000 years from ODP Sites 883 and 884, North Pacific Ocean
A.P. Roberts, B. Lehman, R.J. Weeks, K.L. Verosub and C. Laj. 11
- Changes in the strength of the Iceland–Scotland Overflow Water in the last 200,000 years: Evidence from magnetic anisotropy analysis of core SU90-33
C. Kissel, C. Laj, B. Lehman, L. Labyrie and V. Bout-Roumzeilles 25
- Permian to Early Triassic magnetostratigraphy from the Central European Basin in Poland: Implications on regional and worldwide correlations
J. Nawrocki 37
- Cosmogenic dating of fluvial terraces, Fremont River, Utah
J.L. Repka, R.S. Anderson and R.C. Finkel 59
- Chromatographic metasomatism of the Arabian–Nubian lithosphere
M. Stein, O. Navon and R. Kessel 75
- Heat transfer and hydrothermal fluid flow at flanges on large seafloor sulphide structures
R.C. Kerr 93
- Nitrogen and argon isotopes in oceanic basalts
B. Marty and F. Humbert 101
- Boron isotopic geochemistry of carbonates and pore waters, Ocean Drilling Program Site 851
A.J. Spivack and C.-F. You 113
- Source, composition and distribution of the fluid in the Kurile mantle wedge: Constraints from across-arc variations of B/Nb and B isotopes
T. Ishikawa and F. Tera 123
- Metal–silicate partitioning and the incompatibility of S and Si during core formation
M.R. Kilburn and B.J. Wood 139
- Experimental tests of low degree peridotite partial melt compositions: implications for the nature of anhydrous near-solidus peridotite melts at 1 GPa
T.J. Falloon, D.H. Green, H.St.C. O'Neill and W.O. Hibberson 149
- Determining the burial time of single grains of quartz using optically stimulated luminescence
A.S. Murray and R.G. Roberts 163
- Contribution of neutron-capture reactions to observed tungsten isotopic ratios
J. Masarik 181
- Investigation of the controls on dune colour in the Namib Sand Sea using mineral magnetic analyses
J. Walden and K. White 187
- A multi-parameter rock magnetic record of the last glacial–interglacial paleoclimate from south-central Illinois, USA
C.E. Geiss and S.K. Banerjee 203
- U–Pb dating on single detrital zircon grains from the Triassic Songpan–Ganze flysch (Central China): provenance and tectonic correlations
O. Bruguier, J.R. Lancelot and J. Malavieille 217
- Resolving the mantle He/Ne and crustal ²¹Ne/²²Ne in well gases
C.J. Ballentine 233

The origin of abyssal peridotites: a new perspective Y. Niu, C.H. Langmuir and R.J. Kinzler	251
Early Tertiary gravity field reconstructions of the Southwest Pacific K.M. Marks and J.M. Stock	267
<i>Author Index Volume 152</i>	275

